

Title (en)

AERODYNAMIC DEVICE FOR AUTOMOBILE, THE DEVICE INCLUDING A MEMBRANE USED BOTH AS ACTUATOR AND SENSOR

Title (de)

AERODYNAMISCHE VORRICHTUNG FÜR KRAFTFAHRZEUGE UND ALS AKTUATOR UND SENSOR VERWENDETE KOMBINATION AUS DIESER VORRICHTUNG UND EINER MEMBRAN

Title (fr)

DISPOSITIF AERODYNAMIQUE DE VEHICULE AUTOMOBILE COMPORTANT UNE MEMBRANE QUI SERT A LA FOIS D'ACTIONNEUR ET DE CAPTEUR

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Abstract (en)

[origin: WO2008135696A2] The invention relates to a device for an automobile, the device including a membrane used both as an actuator and a sensor. The device is to be integrated in a member of the vehicle bodywork. It comprises an outer wall (4) defining an opening (6), a chamber (2) having a variable volume, and at least one membrane (8) capable of being moved by a reaction of the material of which the membrane (10) is made to the application of an electric voltage. The membrane (8, 10) is used both as an actuator and a sensor.

IPC 8 full level

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